

ABSTRACT

An electrically actuated parking brake system and actuator therefor. The actuator includes a motor having a drive shaft, and a gear train coupled to the drive shaft, wherein the gear train provides at least one mechanical output from the actuator. The gear train may include a drive gear coupled to the drive shaft, a driven gear coupled to the drive gear, and a planetary gear set coupled to the driven gear. Various configurations are provided for isolating actuator components for controlling audible noise, including sub-frame isolation configurations, motor isolation configurations, and gear train isolation configurations.